

YOIT/ *

P64

39963 K/17 ★ J5 8045-008

Mfg. inorganic injection mouldings - using compsn. contg. water-curable cement, clay and water

YOITA S 10.09.81-JP-143322

A93 L02 (16.03.83) B28b-01/24 C04b-15/08

10.09.81 as 143322 (156WB)

Mfr. of inorganic mouldings comprises injection moulding compsn. consisting of (a) 50-80 pts.wt. water curable cement and (b) 20-50 pts.wt. clay and the min. amt. of water required to prevent shrinkage of mouldings.

Pref. the cement, includes portlant cement, flyash cement, blast furnace cement and silica cement. Pref. clay is plastic clay or Georgia kaolin. To obtain a moulding having desired characteristics silica, limestone, asbestos and glass fibre may be added and also sodium chloride, methylcellulose and calcium stearate.

A moulding having appearance or structure of ceramics can be easily produced without using thermosetting resin. Mouldings are used for garden furniture, toilet seats, wash bowls, bathtubs, draining boards, blocks and ornaments. (3pp)

N83-072655